

Converting Colors

XYZ(15.6047, 40.5052, 25.9697)

Have a look what the booklet for
XYZ(15.6047, 40.5052, 25.9697)
contains.

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Color

**XYZ(25.7094, 45.5978,
26.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	00CE7C
RGB	0, 206, 124
RGB Percent	0%, 81%, 49%
CMY	0.9999, 0.1921, 0.5137
CMYK	1.00, 0.00, 0.40, 0.19
HSL	156°, 100%, 40%
HSV	156°, 100%, 81%
XYZ	25.7094, 45.5978, 26.5150
YIQ	135.0580, -96.4540, -69.1740

Conversions

Conversions Part 2

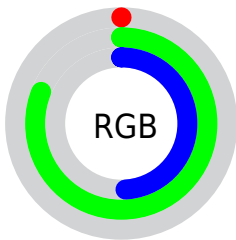
Format	Color
RYB	0, 129, 206
Decimal	52860
CIELab	73.28, -61.48, 29.04
CIELCh	73, 67.998, 154.714
Yxy	45.5978, 0.2628, 0.4661
Android (android.graphics.Color)	4278242940 (0xFF00CE7C)
YUV	135.0580, -5.4516, -118.4459
Hunter-Lab	67.5261, -50.2100, 23.9873

Details

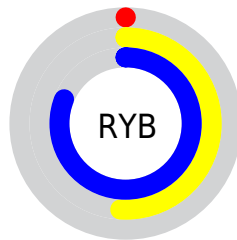
The XYZ color **25.7094, 45.5978, 26.5150** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **26.9785, 13.7322, 9.2152**, and the grayscale version is **23.0985, 24.3014, 26.4643**.

A 20% lighter version of the original color is **49.1753, 77.5191, 53.9659**, and **12.1424, 22.3071, 10.1443** is the 20% darker color. If you saturate the color by 10%, you get **25.7099, 45.5993, 26.5136**, and if you desaturate by 10%, it is **26.5521, 45.9710, 29.3766**.

Distribution



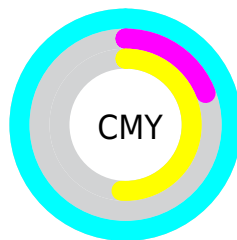
- Red (0%)
- Green (81%)
- Blue (49%)



- Red (0%)
- Yellow (51%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)





- Cyan (100%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7094, 45.5978, 26.5150 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 25.7094, 45.5978, 26.5150 by changing the saturation by 10% instead.


 25.7094, 45.5978,
26.5150


 25.7094, 45.5978,
26.5150


273.6356,
369.1893, 298.9866


 16.7379, 31.9286,
16.9801


 52.2404, 83.6167,
55.0989


 10.1419, 21.3069,
10.0585


 70.5306, 108.7352,
74.9849

 5.5562, 13.3485,
5.3316


 92.6578, 138.4389,
99.1584

 2.6152, 7.6690,
2.3810

 118.9873,
173.1122, 128.0379

 0.9537, 3.8839,
0.7761

 149.8845,
213.1395, 162.0419

 0.0000, 1.6088,
0.0000

185.7147,

 0.0000, 0.3635,

258.9052, 201.5890

0.0000

226.8432,
310.7937, 247.0977

■ 0.0000, 0.0000,
0.0000

■ 25.7094, 45.5978,
26.5150

■ 25.7094, 45.5978,
26.5150

■ 25.7099, 45.5993,
26.5136

■ 26.5521, 45.9710,
29.3766

■ 27.7588, 46.5255,
32.4847

■ 29.4407, 47.3198,
35.8506

■ 31.6576, 48.3846,
39.4820

■ 34.4601, 49.7458,
43.3861

■ 37.8925, 51.4262,
47.5695

■ 41.9948, 53.4464,
52.0388

■ 46.8036, 55.8250,
56.7999

■ 52.3527, 58.5795,
61.8589

Harmonies

Analogous

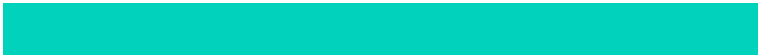
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.5289, 45.5978, 12.8270



25.7094, 45.5978, 26.5150



24.2393, 45.5978, 55.2543

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.7094, 45.5978, 26.5150



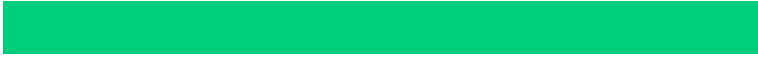
45.2550, 45.5978, 148.3192



65.0984, 45.5978, 20.8154

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.7094, 45.5978, 26.5150



26.9785, 13.7322, 9.2152

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.5026, 45.5978, 44.4348



25.7094, 45.5978, 26.5150



57.7825, 45.5978, 125.7429

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.7094, 45.5978, 26.5150



34.2489, 45.5978, 136.0599



67.6063, 45.5978, 83.3856



53.9109, 45.5978, 10.7562

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.7094, 45.5978, 26.5150



25.6411, 45.5978, 82.5485



67.6063, 45.5978, 83.3856



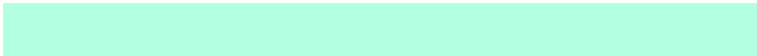
67.7365, 45.5978, 26.9082

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.7106, 45.5996, 26.5161



67.7638, 86.4557, 84.0259



25.5879, 45.9566, 7.5224



13.8717, 18.1932, 17.3128



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7106, 45.5996, 26.5161



41.5500, 73.8360, 42.4099



28.5750, 39.3241, 64.4789



11.3468, 12.6485, 13.3836



15.8798, 28.0972, 16.5837



0.8560, 1.4642, 1.0493

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.9785, 13.7322, 9.2152



43.6142, 22.2097, 14.4325



25.7158, 13.6447, 1.2788



11.3942, 11.2864, 12.6107



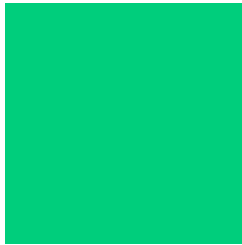
16.6564, 8.4732, 5.9094



0.8964, 0.4520, 0.5005

Previews

White Background



This preview shows how the XYZ color 25.7094, 45.5978, 26.5150 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.7094, 45.5978, 26.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

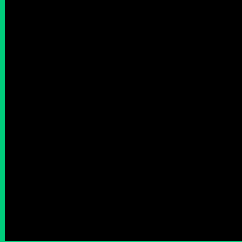
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7094, 45.5978, 26.5150

Background



This preview shows how black text looks on a background with the XYZ color 25.7094, 45.5978, 26.5150.

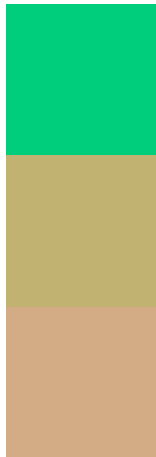


This preview shows how white text looks on a background with the XYZ color 25.7094, 45.5978,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.7094, 45.5978, 26.5150

Protanopia

41.1492, 44.5024, 22.0438

Deuteranopia

45.5917, 44.6406, 28.0434



Tritanopia

34.3994, 45.6789, 68.6319

Trichromacy



Original Color

25.7094, 45.5978, 26.5150



Protanomaly

29.3625, 41.4617, 23.2850



Deuteranomaly

30.9345, 40.9343, 27.0396



Tritanomaly

30.0099, 45.1916, 49.7890

Monochromacy



Original Color

25.7094, 45.5978, 26.5150



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

20.6794, 29.1069, 26.0010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7094, 45.5978, 26.5150 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 206, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 206, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 124) }
```

Border

The CSS property to change the border of an element to XYZ 25.7094, 45.5978, 26.5150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 206, 124) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 206, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 206, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7094, 45.5978, 26.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 206,  
124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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